

Connecting via Winsock to STN

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LOGINID:SSPTANXR1625

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

| | | | |
|------|----|--------|---|
| NEWS | 1 | | Web Page for STN Seminar Schedule - N. America |
| NEWS | 2 | OCT 02 | CA/CAPplus enhanced with pre-1907 records from Chemisches Zentralblatt |
| NEWS | 3 | OCT 19 | BEILSTEIN updated with new compounds |
| NEWS | 4 | NOV 15 | Derwent Indian patent publication number format enhanced |
| NEWS | 5 | NOV 19 | WPIX enhanced with XML display format |
| NEWS | 6 | NOV 30 | ICSD reloaded with enhancements |
| NEWS | 7 | DEC 04 | LINPADOCDB now available on STN |
| NEWS | 8 | DEC 14 | BEILSTEIN pricing structure to change |
| NEWS | 9 | DEC 17 | USPATOLD added to additional database clusters |
| NEWS | 10 | DEC 17 | IMSDRUGCONF removed from database clusters and STN |
| NEWS | 11 | DEC 17 | DGENE now includes more than 10 million sequences |
| NEWS | 12 | DEC 17 | TOXCENTER enhanced with 2008 MeSH vocabulary in MEDLINE segment |
| NEWS | 13 | DEC 17 | MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary |
| NEWS | 14 | DEC 17 | CA/CAPplus enhanced with new custom IPC display formats |
| NEWS | 15 | DEC 17 | STN Viewer enhanced with full-text patent content from USPATOLD |
| NEWS | 16 | JAN 02 | STN pricing information for 2008 now available |
| NEWS | 17 | JAN 16 | CAS patent coverage enhanced to include exemplified prophetic substances |
| NEWS | 18 | JAN 28 | USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats |
| NEWS | 19 | JAN 28 | MARPAT searching enhanced |
| NEWS | 20 | JAN 28 | USGENE now provides USPTO sequence data within 3 days of publication |
| NEWS | 21 | JAN 28 | TOXCENTER enhanced with reloaded MEDLINE segment |
| NEWS | 22 | JAN 28 | MEDLINE and LMEDLINE reloaded with enhancements |
| NEWS | 23 | FEB 08 | STN Express, Version 8.3, now available |
| NEWS | 24 | FEB 20 | PCI now available as a replacement to DPCI |
| NEWS | 25 | FEB 25 | IFIREF reloaded with enhancements |
| NEWS | 26 | FEB 25 | IMSPRODUCT reloaded with enhancements |
| NEWS | 27 | FEB 29 | WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification |

NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

| | |
|------------|---|
| NEWS HOURS | STN Operating Hours Plus Help Desk Availability |
| NEWS LOGIN | Welcome Banner and News Items |
| NEWS IPC8 | For general information regarding STN implementation of IPC 8 |

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 12:11:36 ON 06 MAR 2008

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 12:12:17 ON 06 MAR 2008

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 4 MAR 2008 HIGHEST RN 1006657-22-2

DICTIONARY FILE UPDATES: 4 MAR 2008 HIGHEST RN 1006657-22-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

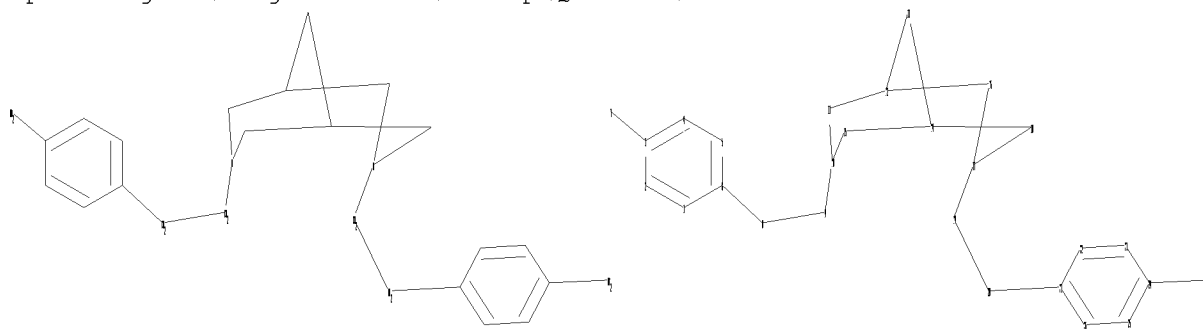
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10575523.str



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chain nodes :
7 8 9 19 20 27
ring nodes :
1 2 3 4 5 6 10 11 12 13 14 15 16 17 18 21 22 23 24 25 26
chain bonds :
3-7 6-8 8-9 9-10 17-19 19-20 20-21 24-27
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 10-11 10-15 11-12 12-13 12-16 13-14 14-15
14-18 16-17 17-18 21-22 21-26 22-23 23-24 24-25 25-26
exact/norm bonds :
10-11 10-15 11-12 12-13 12-16 13-14 14-15 14-18 16-17 17-18
exact bonds :
3-7 6-8 8-9 9-10 17-19 19-20 20-21 24-27
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 21-22 21-26 22-23 23-24 24-25 25-26

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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS
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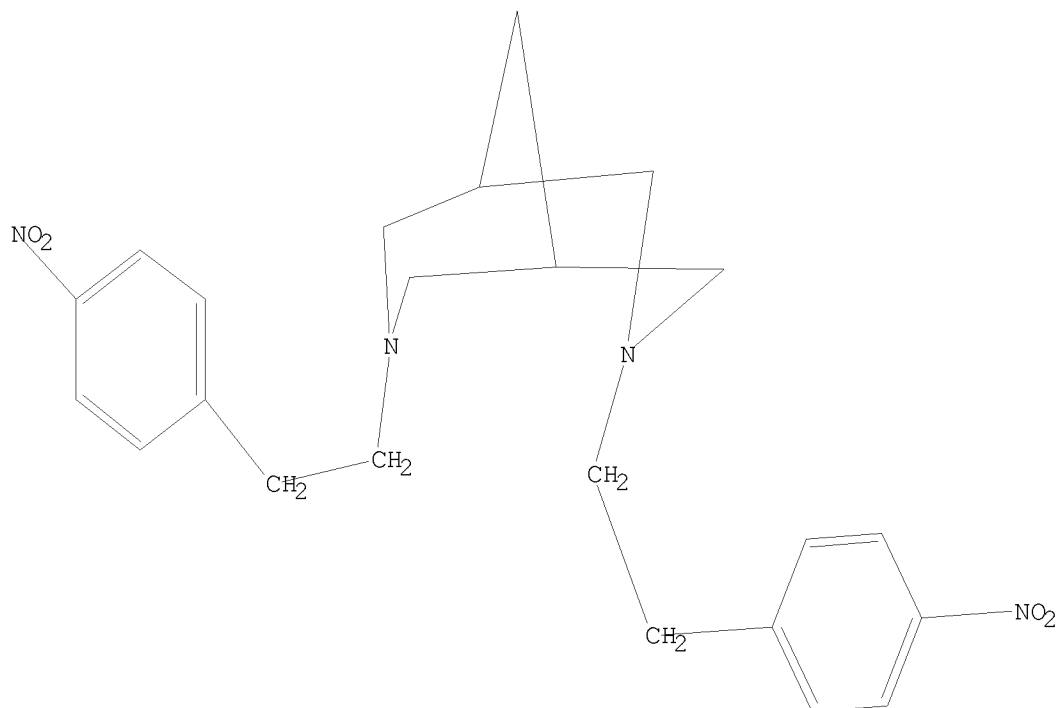
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L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 12:13:25 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED 2 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2 TO 124
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

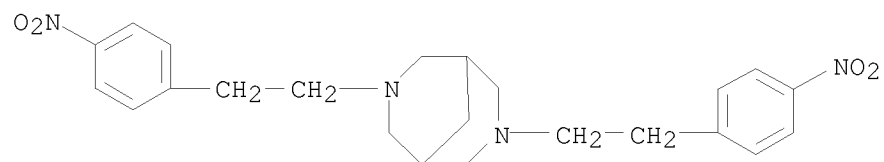
FULL SEARCH INITIATED 12:13:31 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 64 TO ITERATE

100.0% PROCESSED 64 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

L3 2 SEA SSS FUL L1

=> d scan

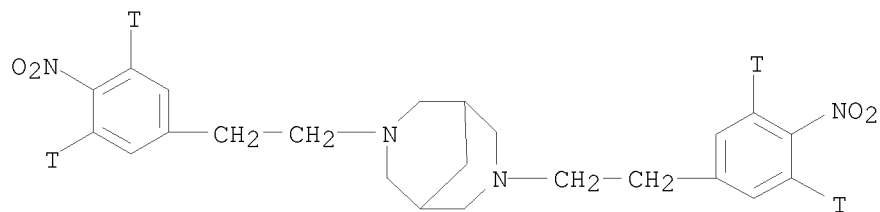
L3 2 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 3,7-Diazabicyclo[3.3.1]nonane, 3,7-bis[2-(4-nitrophenyl)ethyl]-
MF C23 H28 N4 O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 2 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 3,7-Diazabicyclo[3.3.1]nonane, 3,7-bis[2-(4-nitrophenyl-3,5-t2)ethyl]-
(9CI)
MF C23 H24 N4 O4 T4



ALL ANSWERS HAVE BEEN SCANNED

=> file caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

| SINCE FILE | TOTAL |
|------------|---------|
| ENTRY | SESSION |
| 179.28 | 179.49 |

FILE 'CAPLUS' ENTERED AT 12:13:51 ON 06 MAR 2008
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FILE COVERS 1907 - 6 Mar 2008 VOL 148 ISS 10
FILE LAST UPDATED: 5 Mar 2008 (20080305/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

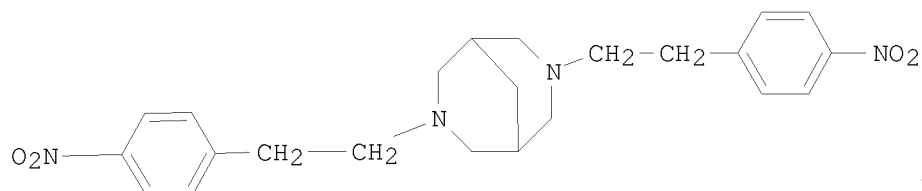
<http://www.cas.org/infopolicy.html>

=> s l3 full
L4 2 L3

=> d ibib abs hitstr tot

ACCESSION NUMBER: 2005:369205 CAPLUS
 DOCUMENT NUMBER: 142:426388
 TITLE: Radiolabeled bispidine compound and assay for IKr
 potassium channel blocking activity
 INVENTOR(S): Springthorpe, Brian; Strandlund, Gert
 PATENT ASSIGNEE(S): Astrazeneca Ab, Swed.
 SOURCE: PCT Int. Appl., 22 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|---------------------|------------------|------------|
| WO 2005037052 | A2 | 20050428 | WO 2004-SE1499 | 20041018 |
| WO 2005037052 | A3 | 20050707 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| EP 1678499 | A2 | 20060712 | EP 2004-793802 | 20041018 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK | | | | |
| CN 1871516 | A | 20061129 | CN 2004-80030753 | 20041018 |
| JP 2007513874 | T | 20070531 | JP 2006-536480 | 20041018 |
| US 2007048215 | A1 | 20070301 | US 2006-575523 | 20060412 |
| IN 2006DN02605 | A | 20070824 | IN 2006-DN2605 | 20060509 |
| PRIORITY APPLN. INFO.: | | | SE 2003-2775 | A 20031020 |
| | | | WO 2004-SE1499 | W 20041018 |
| OTHER SOURCE(S): | | CASREACT 142:426388 | | |
| GI | | | | |



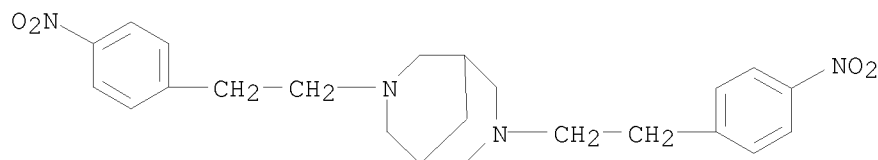
AB The present invention relates to a labeled ligand compound that is useful in a method of identifying, testing and/or screening of compds. modulating ion channels, in particular myocardial IKr channels such as those encoded by ERG, including hERG. The ligand compound is therefore of use to evaluate the affinity of preclin. compds. at the ERG potassium channel. The ligand compound is I or salts, hydrates or solvates thereof and comprises at least one radiolabel. A process for preparation of tritium-labeled I is claimed.

IT 389885-75-0D, salts, hydrates, solvates 850359-99-8D, salts
 RL: ARG (Analytical reagent use); BSU (Biological study, unclassified);

ANST (Analytical study); BIOL (Biological study); USES (Uses)
(radiolabeled bispidine compound and assay for IKr potassium channel
blocking activity)

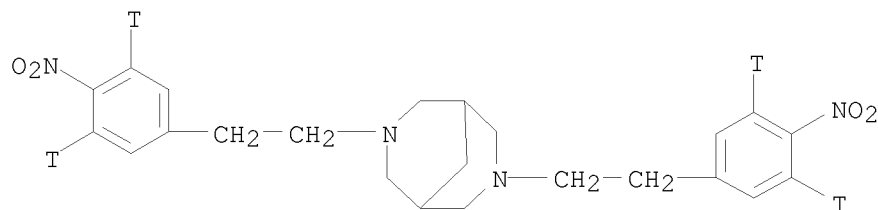
RN 389885-75-0 CAPLUS

CN 3,7-Diazabicyclo[3.3.1]nonane, 3,7-bis[2-(4-nitrophenyl)ethyl]- (CA INDEX
NAME)



RN 850359-99-8 CAPLUS

CN 3,7-Diazabicyclo[3.3.1]nonane, 3,7-bis[2-(4-nitrophenyl-3,5-t2)ethyl]-
(9CI) (CA INDEX NAME)



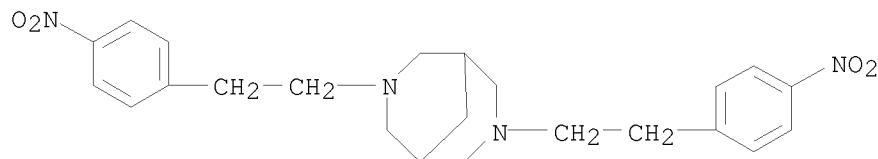
RL: ARG (Analytical reagent use); BSU (Biological study, unclassified);
SPN (Synthetic preparation); ANST (Analytical study); BIOL (Biological
study); PREP (Preparation); USES (Uses)
(radiolabeled bispidine compd. and assay for IKr potassium channel
blocking activity)

IT 389885-75-0

RL: ARG (Analytical reagent use); BSU (Biological study, unclassified);
ANST (Analytical study); BIOL (Biological study); USES (Uses)
(titration of; radiolabeled bispidine compound and assay for IKr potassium
channel blocking activity)

RN 389885-75-0 CAPLUS

CN 3,7-Diazabicyclo[3.3.1]nonane, 3,7-bis[2-(4-nitrophenyl)ethyl]- (CA INDEX
NAME)



L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2002:51458 CAPLUS

DOCUMENT NUMBER: 136:118479

TITLE: Preparation of new bispidine compounds for the treatment of cardiac arrhythmias

INVENTOR(S): Andersson, Kjell; Bjoere, Annika; Bjoersne, Magnus; Ponten, Fritiof; Strandlund, Gert; Svensson, Peder; Tottie, Louise

PATENT ASSIGNEE(S): Astrazeneca AB, Swed.

SOURCE: PCT Int. Appl., 110 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

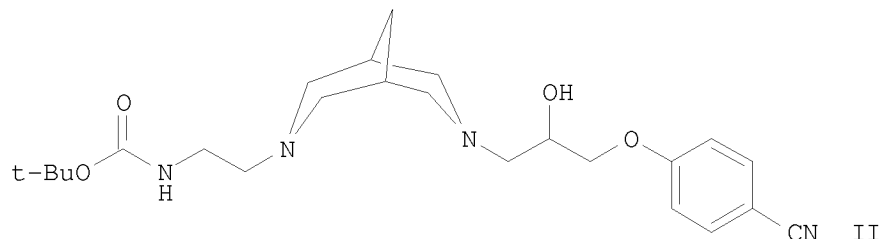
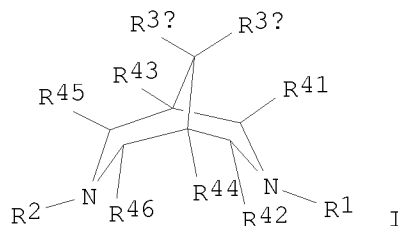
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| WO 2002004446 | A1 | 20020117 | WO 2001-SE1544 | 20010704 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| CA 2412848 | A1 | 20020117 | CA 2001-2412848 | 20010704 |
| EP 1301510 | A1 | 20030416 | EP 2001-950132 | 20010704 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| BR 2001012267 | A | 20030520 | BR 2001-12267 | 20010704 |
| HU 2003001304 | A2 | 20030828 | HU 2003-1304 | 20010704 |
| JP 2004502772 | T | 20040129 | JP 2002-509311 | 20010704 |
| NZ 523540 | A | 20040730 | NZ 2001-523540 | 20010704 |
| EE 200300013 | A | 20041015 | EE 2003-13 | 20010704 |
| ZA 2002010160 | A | 20040315 | ZA 2002-10160 | 20021213 |
| IN 2002MN01812 | A | 20050204 | IN 2002-MN1812 | 20021216 |
| MX 2002PA12942 | A | 20031006 | MX 2002-PA12942 | 20021219 |
| NO 2003000057 | A | 20030131 | NO 2003-57 | 20030106 |
| US 2003212095 | A1 | 20031113 | US 2003-332103 | 20030514 |
| PRIORITY APPLN. INFO.: | | | SE 2000-2603 | A 20000707 |
| | | | SE 2000-2788 | A 20000727 |
| | | | WO 2001-SE1544 | W 20010704 |

OTHER SOURCE(S): MARPAT 136:118479

GI



AB The title compds. [I; R1 = ACR4R5BR6 (wherein R4 = H, halo, alkyl, etc.; or R4, together with R5, = O; R5 = H, alkyl,; A = a bond, alkylene, etc.; B = a bond, alkylene, etc.; R6 = (un)substituted aryl, 5-12 membered heterocyclyl containing one or more heteroatoms selected from O, N and/or S); R2 = CN, (un)substituted 5-12 membered heterocyclyl containing one or more heteroatoms selected from O, N and/or S, etc.; R3a, R3b = H, alkyl, etc.; or R3a and R3b together = alkylene, O(alkylene)O, etc.; R41-R46 = H, alkyl] which are useful in the prophylaxis and in the treatment of arrhythmias, in particular atrial and ventricular arrhythmias, were prepared E.g., a 3-step synthesis of II was given. The exemplified compds. I showed pIC50 of at least 5.5 in glucocorticoid-treated mouse fibroblasts as a model to detect blockers of the delayed rectifier K current.

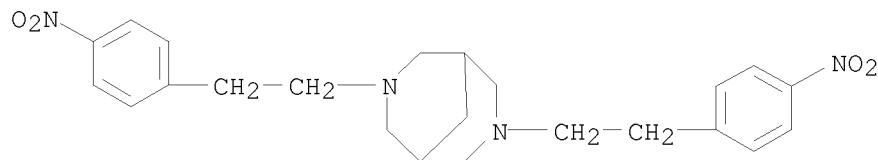
IT 389885-75-0P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of new bispidine compds. for the treatment of cardiac arrhythmias)

RN 389885-75-0 CAPLUS

CN 3,7-Diazabicyclo[3.3.1]nonane, 3,7-bis[2-(4-nitrophenyl)ethyl]- (CA INDEX NAME)



REFERENCE COUNT:

10

THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 12:11:36 ON 06 MAR 2008)

FILE 'REGISTRY' ENTERED AT 12:12:17 ON 06 MAR 2008

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 2 S L1 FULL

FILE 'CAPLUS' ENTERED AT 12:13:51 ON 06 MAR 2008

L4 2 S L3 FULL

=> log

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

12.82

192.31

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-1.60

-1.60

STN INTERNATIONAL LOGOFF AT 12:16:09 ON 06 MAR 2008